

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

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| Applicant's or agent's file reference FP2143 | <div style="display: flex; justify-content: space-between;"> <div> FOR FURTHER ACTION </div> <div> see Form PCT/ISA/220 as well as, where applicable, item 5 below. </div> </div> |
| International application No. PCT/SG 2004/000023 | <div style="display: flex; justify-content: space-between;"> <div> (Earliest) Priority Date (<i>day/month/year</i>) 21 August 2003 (21.08.2003) </div> <div> International filing date (<i>day/month/year</i>) 21 January 2004 (21.01.2004) </div> </div> |
| Applicant <div style="text-align: center; margin-top: 10px;"> NUTEK PRIVATE LIMITED </div> | |

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 5 sheets.

☐ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see continuation of this first sheet.

2. ☐ Certain claims were found unsearchable (see continuation of this first sheet)

3. ☒ Unity of invention is lacking (see continuation of this first sheet)

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☐ the text is approved as submitted by the applicant.

☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in the continuation of this first sheet. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

a. the figure of the drawings to be published with the abstract is Figure No. 17

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

Continuation of first sheet

Continuation No. III:

Observations where unity of invention is lacking

(Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

The applications contains 2 groups of inventions. Claims 1 to 36 disclose an electrical power distribution system and claims 37 to 50 disclose electrical connectors.

1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.

Continuation No. IV:

Text of the abstract

(Continuation of item 5 of the first sheet)

In one embodiment, an improved electrical power distribution apparatus is disclosed which includes a conduit containing at least one elongate conductor (4126,4128). The conduit has an opening (4154) through which a connector is able to be inserted to connect electrically with the conductor (4126,4128). The improvement relates to the use of a plurality of conductive members (5100) disposed between the opening (4154) and the conductor (4126,4128), and a plurality of resilient support members (5200) such that each conductive member (5100) is separately supported by a respective support member (5200) and displaceable by a connector to provide access to the conductor. An improved power supply connector for use with the power distribution apparatus is also disclosed.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/SG 2004/000023

A. CLASSIFICATION OF SUBJECT MATTER

IPC⁷: H01R 25/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC⁷: H01R 25/14, 25/00; H02G 5/00Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
----Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
WPI, EPODOC, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| A | US 3704437 A (HESSE K.) 28 November 1972 (28.11.1972) <i>abstract, figure 2 and description of figure 2.</i> | 1-36 |
| | -- | |
| A | JP 52 118297 A (MATSUSHITA ELECTRIC WORKS LTD.) 12 January 1978 (12.01.1978) (abstract). [online] [retrieved on 2004-05-17]. Retrieved from: EPOQUE PAJ Database <i>abstract, figure.</i> | 1-36 |
| | -- | |
| A | DE 3245384 A1 (WIDELL H. et al), 21 July 1983 (21.07.1983) <i>figures 1, 4 and 5 and description of the figures.</i> | 37-50 |
| | -- | |

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search
30 November 2004 (30.11.2004)Date of mailing of the international search report
28 December 2004 (28.12.2004)Name and mailing address of the ISA/ AT
Austrian Patent Office
Dresdner Straße 87, A-1200 ViennaAuthorized officer
KOSKARTI F.

Facsimile No. +43 / 1 / 534 24 / 535

Telephone No. +43 / 1 / 534 24 / 326

INTERNATIONAL SEARCH REPORT

International application No.
PCT/SG 2004/000023

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|---|-----------------------|
| A | WO 1993/019506 A1 (TORE SORENSEN E.), 30 September 1993 (30.09.1993) <i>figures 1, 5 and 6 and description of the figures.</i> ----- | 37-50 |

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.
PCT/SG 2004/000023

| Patent document cited in search report | | | Publication date | Patent family member(s) | | | Publication date |
|---|---|----------------|---------------------|----------------------------|---|---------|---------------------|
| DE | A | 3245384 | | HU | B | 201850 | 1990-12-28 |
| | | | | AT | A | 446682 | 1986-12-15 |
| | | | | FI | A | 824267 | 1983-06-18 |
| | | | | AT | B | 383702B | 1987-08-10 |
| | | | | US | A | 4494808 | 1985-01-22 |
| | | | | GB | A | 2113021 | 1983-07-27 |
| JP | A | 52118297 A2 | | none | | | |
| US | A | 3704437 | 1972-11-28 | AT | B | 303864B | 1972-12-11 |
| | | | | ES | Y | 196130Y | 1975-07-01 |
| | | | | US | A | 3753209 | 1973-08-14 |
| | | | | FR | A | 2075956 | 1971-10-15 |
| | | | | ZA | A | 7100090 | 1971-10-27 |
| WO | A | 19930195 06 | | none | | | |